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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/540,674	03/31/2000	Reza Majidi-Ahy	164.1001.01	2065
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EXAMINER

SMITH, SHEILA B

ART UNIT

PAPER NUMBER

2685

DATE MAILED: 03/28/2003

13

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/540,674

Applicant(s)

MAJIDI-AHY, REZA

Examiner

Sheila B. Smith

Art Unit

2685

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 February 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-39 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER

ART UNIT	PAPER
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13

DATE MAILED:

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Commissioner of Patents and Trademarks

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-5,9,12,13,15-18,22,25,26,28-31,38,39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mitts et al. (U. S. Patent Number 5,896,373) in view of Woest et al. (U. S Patent Number 5,243,595).

Regarding claims 1-5,9,12,13,15-18,22,25,26,28-31,38,39 Mitts et al. discloses essentially all the claimed invention as set fourth in the instant application, further Mitts et al. discloses method for executing handover in a radio extension of an atm network. In addition Mitts et al. discloses a wireless sending a message from a BSC (col. 5 line3-29), BSC controlling a cell to one customer equipment sending a message from the cell to a point associated BSC, however Mitts et al. fail to specifically disclose at least first access point and breaks up packets in message into smaller packets.

In the same field of endeavor of packaging systems for data transfer, Woest et al. discloses a combined connectionless and connection-oriented network control sysetem. In addition Woest et al. discloses destination points (which reads on access points). Woest et al. further discloses in (column 45 lines 19-22), the breaks up packets in message into smaller packets.

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Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Mitts et al by modifying method for executing handover in a radio extension of an atm network with the use of breaks up packets in message into smaller packets, as taught by Woest et al. for the purpose a proper transmission.

2. Claims 6-11,14,19,-21,23,24,27,32-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mitts et al. in view of Woest et al. and further in view of Norman et al. (U. S Patent Number 6,049,533).

Regarding claims 6,19,23,24,32,36,37, Mitts et al. in view of Woest et al. discloses everything claimed, as applied above (see claim 1) additionally, however, Mitts et al. in view of Woest et al. fails to specifically disclose the use of a first access point is located within a cell, and second access point is located outside the cell.

In the same field of endeavor of packaging systems for data transfer, Norman et al. discloses a network communication system with information rerouting capabilities. In addition Norman et al. discloses the use of a first access point (42), is located within a cell (44), and second access point (AP2) is located outside the cell as exhibited in figure 2, and disclosed in column 7 lines 1-7.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Mitts et al by modifying method for executing handover in a radio extension of an atm network with the use of a first access point is located within a cell, and second access point is located outside the cell, as taught by Norman et al. for the purpose of reducing cellular traffic.

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Regarding claims 7-9,20,21,33-35 Mitts et al. in view of Woest et al. discloses everything claimed, as applied above (see claim 1) additionally, however, Mitts et al. in view of Woest et al. fails to specifically disclose the use of sending from a source is at lease partially wireless.

In the same field of endeavor of packaging systems for data transfer, Norman et al. discloses a network communication system with information rerouting capabilities. In addition Norman et al. discloses the use of sending from a source is at lease partially wireless and disclosed in column 1 lines 53-55.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Mitts et al by modifying method for executing handover in a radio extension of an atm network with the use of sending from a source is at lease partially wireless, as taught by Norman et al. for the purpose of reducing cellular traffic.

Regarding claims 10,11, Mitts et al. in view of Woest et al. discloses everything claimed, as applied above (see claim 1) additionally, however, Mitts et al in view of Woest et al. fails to specifically disclose the use of a first access point is located within a cell, and second access point is located outside the cell.

In the same field of endeavor of packaging systems for data transfer, Norman et al. discloses a network communication system with information rerouting capabilities. In addition Norman et al. discloses the use of a first access point (42), is located within a cell (44), and second access point (AP2) is located outside the cell as exhibited in figure 2, and disclosed in column 7 lines 1-7.

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Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Mitts et al by modifying method for executing handover in a radio extension of an atm network with the use of a first access point is located within a cell, and second access point is located outside the cell, as taught by Norman et al. for the purpose of reducing cellular traffic.

Regarding claims 14, 27, Mitts et al. in view of Woest et al. discloses everything claimed, as applied above (see claim 1) additionally, however Mitts et al in view of Woest et al. fails to specifically disclose the use of wireless communication equipment including an antenna a transmitter and a receiver and a processor that controls the equipment, and memory.

In the same field of endeavor of packaging systems for data transfer, Norman et al. discloses a network communication system with information rerouting capabilities. In addition Norman et al. discloses the use of a wireless communication equipment (MU) including an antenna (48), a transmitter and a receiver (80,82), and a processor (70) and memory (76) that controls the equipment as exhibited in figure 4, and disclosed in column 8 lines 60-67.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Mitts et al by modifying method for executing handover in a radio extension of an atm network with the use of a first access point is located within a cell, and second access point is located outside the cell, as taught by Norman et al. for the purpose of reducing cellular traffic.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheila B. Smith whose telephone number is (703)305-0104. The examiner can normally be reached on Monday-Thursday 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 703-308-5318. The fax phone numbers for the organization where this application or proceeding is assigned are (703)308-6306 for regular communications and (703)308-6296 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-4700.

S. Smith
March 23, 2003


EDWARD F. URBAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600